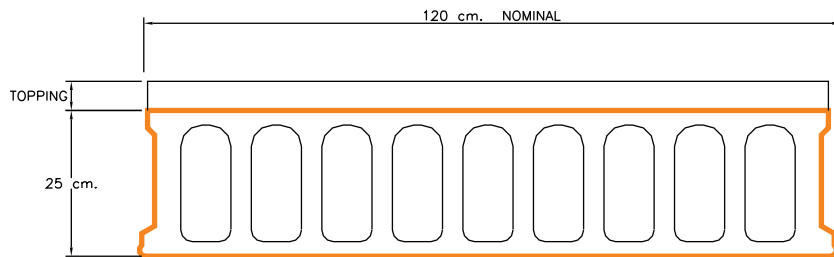


HOLLOW CORE SLAB 25 CM.

SECTION PROPERTIES



TOPPING	0 CM.	5 CM.
A (cm. ²)	1,385	-
I (cm. ⁴)	104,761	183,295
Y _b (cm.)	12.58	16.33
Y _t (cm.)	12.42	13.67
Z _b (cm. ³)	8,327	11,222
Z _t (cm. ³)	8,435	13,409
w (kg/m. ²)	277	419
e (cm.)	9.58	13.33
b _w (cm.)	37	37

SAFE SUPERIMPOSED SERVICE LOADS (KGS/SQ.M)

SIMPLE SPAN IN METER

			SIMPLE SPAN IN METER																	
TOPPING	No. of STRAND	Ø Mn (kg-m.)	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	
0 cm.	4-Ø 3/8"	7,865.54	1,695	1,290	1,001	787	624	497	396	315	249	194	148							
	5-Ø 3/8"	9,727.47	2,156	1,655	1,297	1,032	831	674	550	450	367	299	242	194	153					
	6-Ø 3/8"	11,548.96	2,602	2,008	1,583	1,269	1,029	843	696	577	479	398	331	273	224	182				
	7-Ø 3/8"	13,330.68	3,039	2,353	1,862	1,500	1,224	1,009	839	701	588	495	417	351	294	246	203	167		
	8-Ø 3/8"	15,073.27	3,466	2,690	2,136	1,725	1,413	1,170	978	822	695	590	501	426	362	308	260	218	182	
	9-Ø 3/8"	16,777.38	3,466	2,887	2,403	1,946	1,599	1,329	1,114	941	799	682	584	500	428	363	306	256	213	
	10-Ø 3/8"	18,443.66	3,466	2,887	2,556	2,162	1,780	1,483	1,247	1,057	902	772	664	570	487	416	355	301	254	
	2-Ø 1/2" +8-Ø 3/8" 4-Ø 1/2" +6-Ø 3/8"	21,032.46	3,466	2,887	2,556	2,408	1,987	1,724	1,455	1,238	1,060	911	783	674	581	502	432	372	319	
5 cm.	23,528.57	3,466	2,887	2,556	2,408	1,987	1,879	1,625	1,380	1,183	1,015	880	764	662	574	497	430	371		
	4-Ø 3/8"	9,495.46	1,977	1,489	1,139	881	684	531	410	312	232	165								
	5-Ø 3/8"	11,712.20	2,517	1,915	1,485	1,166	924	736	591	471	372	290	221	163						
	6-Ø 3/8"	13,852.33	3,041	2,326	1,825	1,449	1,162	939	762	620	503	406	325	256	182					
	7-Ø 3/8"	15,928.49	3,554	2,736	2,150	1,717	1,388	1,132	928	764	630	518	425	346	267	190				
	8-Ø 3/8"	17,942.13	4,046	3,124	2,466	1,978	1,607	1,318	1,089	904	753	628	523	434	352	267	193			
	9-Ø 3/8"	19,894.65	4,046	3,368	2,772	2,231	1,819	1,499	1,245	1,040	872	733	609	489	386	298	221	154		
	10-Ø 3/8"	21,787.47	4,046	3,368	2,959	2,476	2,025	1,675	1,396	1,172	988	836	707	577	466	370	287	214	151	
	2-Ø 1/2" +8-Ø 3/8" 4-Ø 1/2" +6-Ø 3/8"	24,695.09	4,046	3,368	2,959	2,761	2,265	1,935	1,629	1,365	1,156	983	839	700	575	465	374	292	221	
	27,458.93	4,046	3,368	2,959	2,761	2,558	2,127	1,840	1,555	1,324	1,132	971	835	701	581	478	388	308		